

3.1.1 Commercial Primary Energy Consumption, by Year and Fuel Type (Quadrillion Btu and Percent of Total)

	Natural Gas	Petroleum (1)	Coal	Renewable(2)	Electricity			Total	Total(2)	Growth Rate				
					Sales	Losses	Total							
1980	2.67	25.2%	1.29	12.2%	0.12	1.1%	0.02	0.2%	1.91	4.60	6.51	61.4%	10.60	-
1981	2.58	24.2%	1.09	10.2%	0.14	1.3%	0.02	0.2%	2.03	4.78	6.82	64.0%	10.64	-
1982	2.67	24.6%	1.01	9.3%	0.16	1.4%	0.02	0.2%	2.08	4.93	7.01	64.5%	10.86	-
1983	2.50	22.9%	1.14	10.4%	0.16	1.5%	0.02	0.2%	2.12	5.00	7.11	65.0%	10.94	-
1984	2.59	22.6%	1.25	10.9%	0.17	1.5%	0.02	0.2%	2.26	5.19	7.46	64.9%	11.49	-
1985	2.50	21.8%	1.05	9.1%	0.14	1.2%	0.02	0.2%	2.35	5.42	7.77	67.7%	11.48	-
1986	2.38	20.5%	1.13	9.7%	0.14	1.2%	0.03	0.2%	2.44	5.51	7.95	68.4%	11.62	-
1987	2.50	20.9%	1.09	9.2%	0.13	1.1%	0.03	0.2%	2.54	5.66	8.20	68.6%	11.94	-
1988	2.74	21.8%	1.06	8.4%	0.13	1.0%	0.03	0.3%	2.68	5.96	8.63	68.5%	12.60	-
1989	2.80	21.2%	1.00	7.6%	0.12	0.9%	0.10	0.8%	2.77	6.44	9.20	69.6%	13.22	-
1990	2.70	20.2%	0.95	7.1%	0.12	0.9%	0.10	0.7%	2.86	6.62	9.48	71.0%	13.36	-
1991	2.81	20.7%	0.90	6.6%	0.12	0.9%	0.10	0.7%	2.92	6.70	9.61	71.1%	13.53	-
1992	2.88	21.4%	0.85	6.3%	0.12	0.9%	0.11	0.8%	2.90	6.61	9.51	70.6%	13.47	-
1993	2.94	21.2%	0.78	5.6%	0.12	0.8%	0.11	0.8%	3.02	6.89	9.91	71.5%	13.86	-
1994	2.98	21.1%	0.79	5.6%	0.12	0.8%	0.11	0.8%	3.12	7.02	10.14	71.7%	14.13	-
1995	3.12	21.2%	0.73	5.0%	0.12	0.8%	0.12	0.8%	3.25	7.39	10.64	72.3%	14.73	-
1996	3.25	21.4%	0.75	4.9%	0.12	0.8%	0.13	0.9%	3.34	7.61	10.95	72.0%	15.21	-
1997	3.31	21.0%	0.70	4.5%	0.13	0.8%	0.14	0.9%	3.50	7.94	11.44	72.8%	15.72	-
1998	3.10	19.4%	0.66	4.1%	0.10	0.6%	0.13	0.8%	3.68	8.34	12.02	75.1%	16.01	-
1999	3.13	19.1%	0.66	4.0%	0.10	0.6%	0.13	0.8%	3.77	8.62	12.38	75.5%	16.41	-
2000	3.25	18.9%	0.76	4.4%	0.09	0.5%	0.13	0.7%	3.96	9.00	12.96	75.4%	17.18	-
2001	3.11	18.1%	0.74	4.3%	0.09	0.5%	0.11	0.7%	4.06	9.10	13.16	76.5%	17.21	-
2002	3.22	18.5%	0.68	3.9%	0.09	0.5%	0.12	0.7%	4.11	9.21	13.32	76.4%	17.43	-
2003	3.29	18.9%	0.77	4.4%	0.08	0.5%	0.13	0.7%	4.09	9.07	13.16	75.5%	17.44	-
2004	3.20	18.0%	0.75	4.2%	0.10	0.6%	0.14	0.8%	4.20	9.33	13.53	76.4%	17.72	-
2005	3.09	17.2%	0.72	4.0%	0.09	0.5%	0.14	0.8%	4.35	9.56	13.91	77.5%	17.95	-
2006	2.92	16.3%	0.68	3.8%	0.08	0.5%	0.16	0.9%	4.43	9.66	14.09	78.6%	17.93	-
2007	3.11	16.8%	0.68	3.7%	0.07	0.4%	0.16	0.8%	4.58	9.90	14.48	78.3%	18.49	3.1%
2008	3.15	16.9%	0.69	3.7%	0.09	0.5%	0.16	0.8%	4.62	9.94	14.55	78.1%	18.63	1.9%
2009	3.04	16.3%	0.63	3.4%	0.08	0.4%	0.16	0.8%	4.67	10.04	14.71	79.0%	18.61	1.3%
2010	3.04	16.2%	0.63	3.4%	0.08	0.4%	0.16	0.8%	4.73	10.12	14.85	79.1%	18.77	1.1%
2011	3.10	16.3%	0.64	3.4%	0.08	0.4%	0.16	0.8%	4.81	10.26	15.07	79.1%	19.05	1.2%
2012	3.15	16.3%	0.65	3.4%	0.08	0.4%	0.16	0.8%	4.89	10.40	15.30	79.1%	19.34	1.3%
2013	3.20	16.2%	0.66	3.3%	0.08	0.4%	0.16	0.8%	4.99	10.60	15.59	79.2%	19.68	1.3%
2014	3.25	16.2%	0.66	3.3%	0.08	0.4%	0.16	0.8%	5.09	10.79	15.89	79.3%	20.04	1.4%
2015	3.29	16.2%	0.67	3.3%	0.08	0.4%	0.16	0.8%	5.19	10.98	16.17	79.4%	20.37	1.4%
2016	3.34	16.1%	0.67	3.3%	0.08	0.4%	0.16	0.8%	5.29	11.16	16.45	79.5%	20.70	1.4%
2017	3.37	16.0%	0.68	3.2%	0.08	0.4%	0.16	0.8%	5.39	11.34	16.73	79.6%	21.02	1.5%
2018	3.40	15.9%	0.68	3.2%	0.08	0.4%	0.16	0.8%	5.48	11.54	17.02	79.7%	21.35	1.5%
2019	3.43	15.8%	0.68	3.1%	0.08	0.4%	0.16	0.7%	5.57	11.74	17.32	79.9%	21.67	1.5%
2020	3.47	15.8%	0.68	3.1%	0.08	0.4%	0.16	0.7%	5.67	11.96	17.63	80.1%	22.02	1.5%
2021	3.51	15.7%	0.68	3.0%	0.08	0.4%	0.16	0.7%	5.77	12.14	17.91	80.1%	22.34	1.5%
2022	3.55	15.7%	0.68	3.0%	0.08	0.4%	0.16	0.7%	5.86	12.31	18.18	80.3%	22.65	1.5%
2023	3.58	15.6%	0.68	3.0%	0.08	0.4%	0.16	0.7%	5.96	12.50	18.46	80.4%	22.96	1.5%
2024	3.60	15.5%	0.68	2.9%	0.08	0.4%	0.16	0.7%	6.05	12.68	18.74	80.5%	23.27	1.5%
2025	3.63	15.4%	0.68	2.9%	0.08	0.4%	0.16	0.7%	6.15	12.87	19.02	80.7%	23.58	1.5%
2026	3.66	15.3%	0.68	2.9%	0.08	0.3%	0.17	0.7%	6.24	13.04	19.28	80.8%	23.87	1.4%
2027	3.69	15.3%	0.68	2.8%	0.08	0.3%	0.17	0.7%	6.34	13.21	19.55	80.9%	24.18	1.4%
2028	3.72	15.2%	0.68	2.8%	0.08	0.3%	0.17	0.7%	6.43	13.38	19.81	81.0%	24.46	1.4%
2029	3.75	15.2%	0.68	2.8%	0.08	0.3%	0.17	0.7%	6.53	13.53	20.05	81.1%	24.74	1.4%
2030	3.78	15.1%	0.68	2.7%	0.08	0.3%	0.17	0.7%	6.62	13.68	20.30	81.2%	25.02	1.4%

Note(s): 1) Petroleum includes distillate and residual fuels, liquefied petroleum gas, kerosene, and motor gasoline. 2) Includes site-marketed and non-marketed renewable energy. 3) 2006 site-to-source electricity conversion = 3.18.

Source(s): EIA, State Energy Data 2005: Consumption, Feb. 2008, Tables 8-12, p. 18-22 for 1980-2005; and EIA, Annual Energy Outlook 2008, Mar. 2008, Table A2, p. 117-119 for 2006-2030 and Table A17, p. 143-144 for non-marketed renewable energy.